



BRUHATH BANGALORE MAHANAGARA PALIKE
Byatarayanapura Division

**Name of the work: Comprehensive Development for Roads and
Drains In Ward No. 7 And 8 Under CMC & TMC Grants,
Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura
Division.**

Fourth RA Bill
Total Abstract

Bruhat Bengaluru Mahanagara Palike							
Byatarayanapura Division							
TOTAL ABSTRACT							
Name Of work :- Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.							
Job Code :- 007-16-000035,007-16-000036,007-16-000037,007-16-000038,007-16-000039,007-16-000040,008-16-000033,008-16-000034,008-16-000035, 26621							
Name of Agency :- M/s.Ram and Company							
Bill No :-4th and Part Bill							
BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
1	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work						
	BGS Layout			187.92			
	Yashodha Nagar			391.20			
	Present Qty			579.12			
	Previous Bill Qty			7079.28	7.12		
	Total			7658.40			
	BOQ qty			3042.35			
	Qty for payment	Cum		579.12	196.27	113663.88	
2	Removing and Resetting of Footpath Slab with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work						
	BGS Layout			0.00			
	Yashodha Nagar			201.42			
	Present Qty			201.42			
	Previous Bill Qty			302.94			
	Total			504.36			
	BOQ qty			226.80			
	Qty for payment	Sqm		201.42	139.13	28023.56	
3	Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work						
	BGS Layout			0.00			
	Yashodha Nagar			0.00			
	Present Qty			0.00			
	Previous Bill Qty			5669.91			
	Total			5669.91			
	BOQ qty			3538.50			
	Qty for payment	Sqm		0.00	84.59	0.00	
4	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., Complete. 7.5cms thick with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work						
	BGS Layout			0.00			
	Yashodha Nagar			85.09			



M. P. L. N. D.
A. E. (A. E.)

[Signature]
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

BOQ Item No	Description	Unit	Qty	Rate	Amount	Remarks
	Present Qty		85.09			
	Previous Bill Qty		484.35			
	Total		569.44			
	BOQ qty		387.00			
	Qty for payment	Sqm	85.09	698.96	59474.51	
5	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc., Complete. 10cms thick with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		0.00			
	Yashodha Nagar		0.00			
	Present Qty		0.00			
	Previous Bill Qty		244.74			
	Total		244.74			
	BOQ qty		6.30			
	Qty for payment	Sqm	0.00	867.03	0.00	
6	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		112.77			
	Yashodha Nagar		0.00			
	Present Qty		112.77			
	Previous Bill Qty		0.00			
	Total		112.77			
	BOQ qty		112.80			
	Qty for payment	Cum	112.77	2352.88	265334.28	
7	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		56.34			
	Yashodha Nagar		0.00			
	Present Qty		56.34			
	Previous Bill Qty		21.77			
	Total		78.11			
	BOQ qty		62.80			
	Qty for payment	Cum	56.34	5616.2	316416.71	



M. H. L. N. D.
Ae (27)

Duy
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

BOQ Item No	Description	Unit	Qty	Rate	Amount	Remarks
8	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 with all lead and lift, loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		70.00			
	Yashodha Nagar		0.00			
	Present Qty		70.00			
	Previous Bill Qty		0.00			
	Total		70.00			
	BOQ qty		70.00			
	Qty for payment	Sqm	70.00	257.1	17997.00	
9	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 with all lead and lift, loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		840.00			
	Yashodha Nagar		0.00			
	Present Qty		840.00			
	Previous Bill Qty		0.00			
	Total		840.00			
	BOQ qty		840.00			
	Qty for payment	Sqm	840.00	326.11	273932.40	
10	KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification. Specification No. KBS 4.6.2 with all lead and lift, loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		296.00			
	Yashodha Nagar		0.00			
	Present Qty		296.00			
	Previous Bill Qty		0.00			
	Total		296.00			
	BOQ qty		296.00			
	Qty for payment	Sqm	296.00	427.39	126507.44	



Contractor



Abhijit N.D.
AE (W2)

Day
Assistant Executive Engineer
Kodigeralli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

BOQ Item No	Description	Unit	Qty	Rate	Amount	Remarks
11	Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		308.19			
	Yashodha Nagar		0.00			
	Present Qty		308.19			
	Previous Bill Qty		0.00			
	Total		308.19			
	BOQ qty		322.50			
	Qty for payment	Cum	308.19	6543.33	2016572.51	
12	Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design MORTH specification No. 1500, 1700, 2200. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		0.00			
	Yashodha Nagar		0.00			
	Present Qty		0.00			
	Previous Bill Qty		51.93			
	Total		51.93			
	BOQ qty		0.00			
	Qty for payment	Cum	0.00	11584.1	0.00	
13	KSRB - 4.9.2: Providing TMT steel reinforcement Fe500 for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebtrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		24.64			
	Yashodha Nagar		0.00			
	Present Qty		24.64			
	Previous Bill Qty		2.59			
	Total		27.23			
	BOQ qty		25.80			
	Qty for payment	MT	24.64	77375.76	1906867.55	



Contractor



Ar. 11.11.11
AEL-1

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Ar. 11.11.11
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palika
Bangalore - 560 082

BOQ Item No	Description	Unit	Qty	Rate	Amount	Remarks
14	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not less than 1800 kg/m ³ and having a minimum average compressive strength 4.00 N/mm ² confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing complete as per specifications. KBS No.5.4 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout					
	Yashodha Nagar					
	Present Qty		0.00			
	Previous Bill Qty		8.00			
	Total		8.00			
	BOQ qty		8.00			
	Qty for payment	Sqm	0.00	1009.49	0.00	
15	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout					
	Yashodha Nagar					
	Present Qty		0.00			
	Previous Bill Qty		0.00			
	Total		0.00			
	BOQ qty		17.28			
	Qty for payment	Cum	0.00	4660.13	0.00	
16	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout					
	Yashodha Nagar					
	Present Qty		0.00			
	Previous Bill Qty		0.00			
	Total		0.00			
	BOQ qty		28.80			
	Qty for payment	Sqm	0.00	107.96	0.00	



Contractor



Asst. Eng. N.D.
AE (C-7)

Dug
Assistant Engineer
Kodur Taluk, Anaparthi
Brahmavarthy Sub Division, Anaparthi
Bangalore - 560 006

BOQ Item No	Description	Unit	Qty	Rate	Amount	Remarks
17	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout					
	Yashodha Nagar					
	Present Qty		0.00			
	Previous Bill Qty		1.57			
	Total		1.57			
	BOQ qty		2.37			
	Qty for payment	Cum	0.00	6055.83	0.00	
18	Providing and fixing Ms gratings 260 mmx 260 mm for Shoulder Drains with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		0.00			
	Yashodha Nagar		26.00			
	Present Qty		26.00			
	Previous Bill Qty		20.00			
	Total		46.00			
	BOQ qty		60.00			
	Qty for payment	Each	26.00	93.45	2429.70	
19	Providing and fixing M S Grating with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout					
	Yashodha Nagar					
	Present Qty		0.00			
	Previous Bill Qty		0.00			
	Total		0.00			
	BOQ qty		0.00			
	Qty for payment	Sqm	0.00	6979.35	0.00	
20	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		0.00			
	Yashodha Nagar		27.54			
	Present Qty		27.54			
	Previous Bill Qty		70.50			
	Total		98.04			



Amulya M.D
AE/201

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

BOQ Item No	Description	Unit	Qty	Rate	Amount	Remarks
	BOQ qty		77.70			
	Qty for payment	Sqm	27.54	1907.85	52542.19	
21	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		0.00			
	Yashodha Nagar		0.00			
	Present Qty		0.00			
	Previous Bill Qty		0.00			
	Total		0.00			
	BOQ qty		28.80			
	Qty for payment	Sqm	0.00	5582.85	0.00	
22	KSRRB M300- Scarifying Existing Granular Surface to a Depth of 50mm by Manual Means. KSRRB M300-52.1. Scarifying the existing granular road surface to a depth of 50mm and disposal of scarified material and complete as per specifications. MORTH Specification No. 305.4.3 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout					
	Yashodha Nagar					
	Present Qty		0.00			
	Previous Bill Qty		0.00			
	Total		0.00			
	BOQ qty		2402.00			
	Qty for payment	Sqm	0.00	48.36	0.00	
23	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		0.00			
	Yashodha Nagar		162.01			
	Present Qty		162.01			
	Previous Bill Qty		1052.61			
	Total		1214.62			
	BOQ qty		1237.73			
	Qty for payment	Cum	162.01	156.2	25305.96	



Amrith .MD
AET-21

Amrith
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

BOQ Item No	Description	Unit	Qty	Rate	Amount	Remarks
24	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		0.00			
	Yashodha Nagar		135.01			
	Present Qty		135.01			
	Previous Bill Qty		1587.36			
	Total		1722.37			
	BOQ qty		1639.22			
	Qty for payment	Cum	135.01	1856.48	250643.36	
25	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		0.00			
	Yashodha Nagar		540.04			
	Present Qty		540.04			
	Previous Bill Qty		6349.76			
	Total		6889.80			
	BOQ qty		5775.00			
	Qty for payment	Sqm	540.04	31.16	16827.65	
26	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		0.00			
	Yashodha Nagar		0.00			
	Present Qty		0.00			
	Previous Bill Qty		41559.01			
	Total		41559.01			
	BOQ qty		19364.50			
	Qty for payment	Sqm	0.00	3.34	0.00	



Atul N.D
-AE(27)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

BOQ Item No	Description	Unit	Qty	Rate	Amount	Remarks
27	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		0.00			
	Yashodha Nagar		540.04			
	Present Qty		540.04			
	Previous Bill Qty		54686.93			
	Total		55226.97			
	BOQ qty		31692.50			
	Qty for payment	Sqm	540.04	13.36	7214.93	
28	KSRRB M500-16. Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H.M.P, using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10, complete in all respects complete as per specification MORTH specification No. 507 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		0.00			
	Yashodha Nagar		0.00			
	Present Qty		0.00			
	Previous Bill Qty		329.75			
	Total		329.75			
	BOQ qty		314.46			
	Qty for payment	Cum	0.00	7388.09	0.00	
29	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		0.00			
	Yashodha Nagar		21.60			
	Present Qty		21.60			
	Previous Bill Qty		1918.49			



As per M-10
AEC (27)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

BOQ Item No	Description	Unit	Qty	Rate	Amount	Remarks
	Total		1940.09			
	BOQ qty		1005.58			
	Qty for payment	Cum	21.60	8414.28	181748.45	
30	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregates , with superplasticiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rammers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout					
	Yashodha Nagar					
	Present Qty		0.00			
	Previous Bill Qty		0.00			
	Total		0.00			
	BOQ qty		0.00			
	Qty for payment	Cum	0.00	6528.86	0.00	
31	Vacuum de-watering with vacuum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout					
	Yashodha Nagar					
	Present Qty		0.00			
	Previous Bill Qty		0.00			
	Total		0.00			
	BOQ qty		0.00			
	Qty for payment	Sqm	0.00	100.17	0.00	



As per UP. N.D
AEL (2)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

BOQ Item No	Description	Unit	Qty	Rate	Amount	Remarks
32	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout					
	Yashodha Nagar					
	Present Qty		0.00			
	Previous Bill Qty		600.00			
	Total		600.00			
	BOQ qty		700.00			
	Qty for payment	No's	0.00	348.37	0.00	
33	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout					
	Yashodha Nagar					
	Present Qty		0.00			
	Previous Bill Qty		270.20			
	Total		0.00			
	BOQ qty		110.25			
	Qty for payment	Sqm	0.00	66.79	0.00	
34	KSRRB M400-19: Construction of Median and island above road level with approved material deposited from borrowpits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No.407 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		0.00			
	Yashodha Nagar		383.26			
	Present Qty		383.26			
	Previous Bill Qty		84.66			
	Total		467.92			
	BOQ qty		646.50			
	Qty for payment	Cum	383.26	219.26	84033.59	


 Assistant Executive Engineer
 Kodigehalli Sub Division
 Bruhat Bangalore Mahanagara Palike
 Bangalore - 560 092



As per M.D
 AEL (M)

BOQ Item No	Description	Unit	Qty	Rate	Amount	Remarks
35	KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		0.00			
	Yashodha Nagar		1963.29			
	Present Qty		1963.29			
	Previous Bill Qty		270.20			
	Total		2233.49			
	BOQ qty		2913.15			
	Qty for payment	Sqm	1963.29	1015.06	1992857.15	
36	KSRB 14.6-1: Providing and resetting of available heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm jOints, final compaction of paver surface joints into its final level, includingthick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between labour and HOM of machineries complete as per specifications with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout					
	Yashodha Nagar					
	Present Qty		0.00			
	Previous Bill Qty		0.00			
	Total		0.00			
	BOQ qty		161.85			
	Qty for payment	Sqm	0.00	447.43	0.00	
37	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work					
	BGS Layout		0.00			
	Yashodha Nagar		24.04			
	Present Qty		24.04			
	Previous Bill Qty		1303.72			
	Total		1327.76			



As per N.D
At (17)

Key
Assistant Executive Engineer
Kodigehalli Sub Division
Brihat Bangalore Mahanagara Palika
Bangalore - 560 092

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
	BOQ qty			745.50			
	Qty for payment	Sqm		24.04	569.86	13699.43	
	Add cost of Waste Plastic @ 8% of Bitumen Weight						
	BGS Layout			0.00			
	Yashodha Nagar			243.65			
	Present Qty			243.65			
	Previous Bill Qty			19717.80			
	Total			19961.45			
	BOQ qty			11342.94			
	Qty for payment	Kgs		243.65	27.00	6578.55	
	GRAND TOTAL					7758670.81	



As per M.N.D
A.E. (M.T)

[Signature]
Assistant Executive Engineer
Kodigehalli Sub Division
Rajahat Bangalore Mahanagara Palike
Bangalore - 560 092